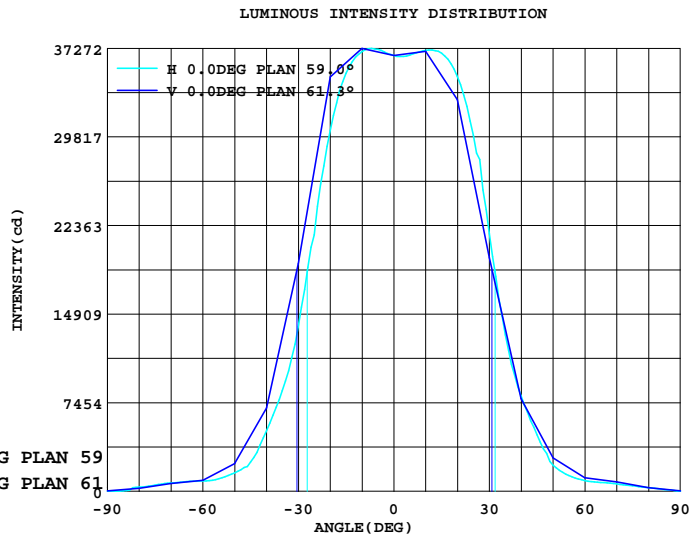
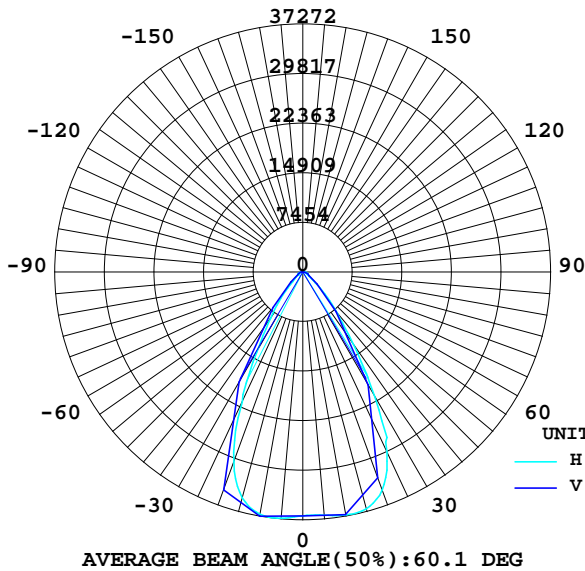


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	298	Imax(cd):	37425	Voltage(V)	219.3
RATED VOLTAGE(V):	220	AVAILABILITY(%):	90.5	Current(A)	1.402
NOMINAL FLUX(lm):	39090	Avai. FLUX(lm):	35374	Power(W)	295.7
TEST FLUX(lm):	39090	EFFICIENCY(%):	100.0	Power Factor(PF)	0.961
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	39090	EFFICIENCY(lm/W)	132.1
Effective Flux(lm) :	0.0	θ @50%(H, V):	56.0,59.5DEG	EEL:	0.000



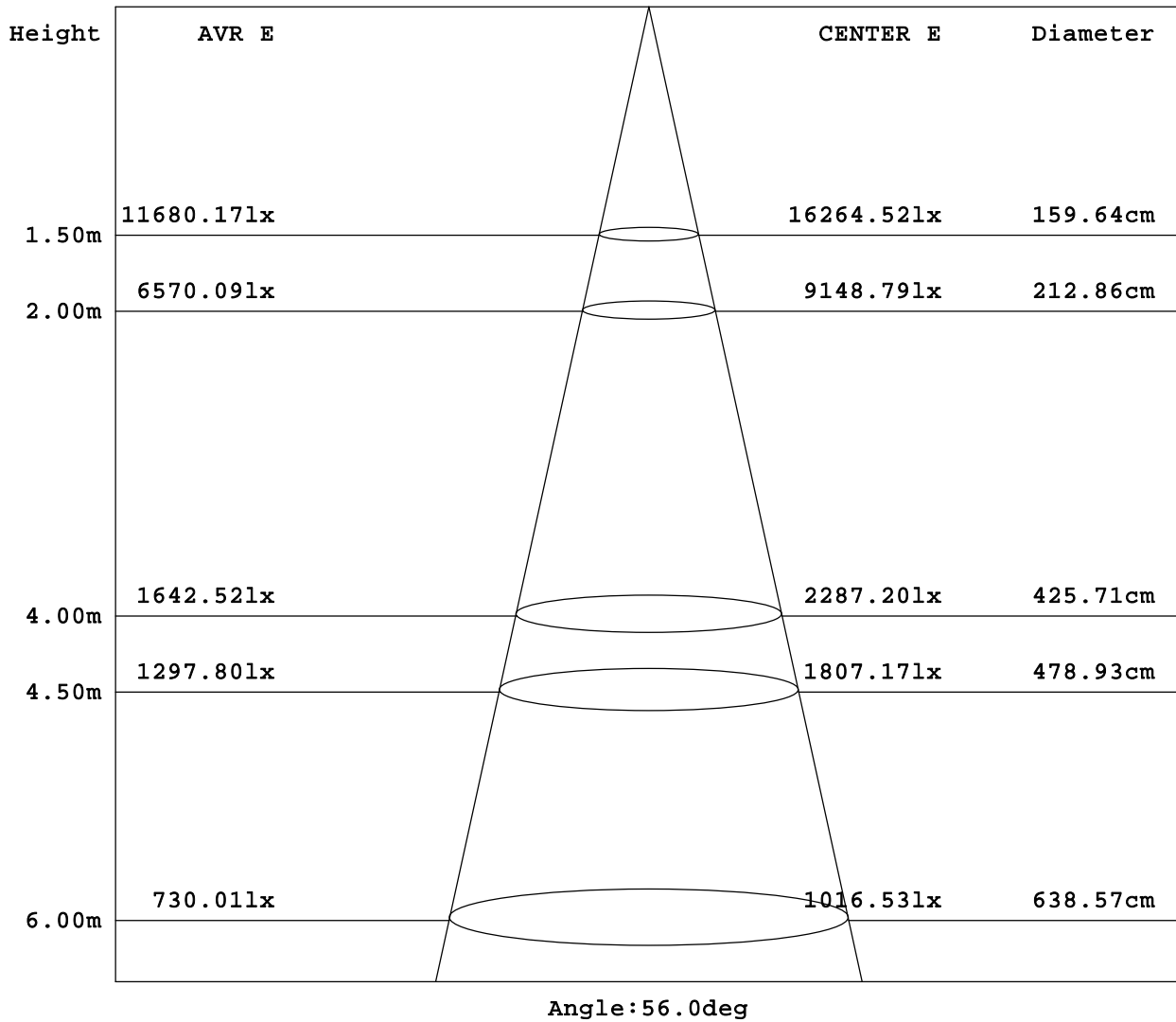
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
Temperature: 25.3DEG
Operators:
Test Date: 2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity: 65.0%
Test Distance: 10.500 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI TIAN	Address:		
NAME: LT-T-115A	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

		AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
VERTICAL (DEG)	72	3.01	5.36	7.55	9.45	11.3	12.9	13.3	12.8	14.5	13.8	12.6	12.6	11.4	9.30	7.10	5.19	3.34	1.71	168	0.00		
	64	3.58	6.38	8.99	11.1	13.1	14.7	15.5	16.4	19.5	20.3	17.2	15.9	14.2	11.9	9.42	6.97	4.63	2.48	213	0.00		
	56	3.98	6.98	9.37	11.6	14.4	18.0	21.9	26.1	30.7	33.9	27.8	23.0	18.5	14.4	10.9	8.23	5.58	3.11	289	0.00		
	48	4.94	7.66	9.41	12.0	22.6	36.4	49.0	61.7	73.9	72.9	63.1	49.7	35.1	21.7	11.9	8.34	5.80	3.12	550	102		
	40	4.58	7.30	9.35	17.2	35.5	61.2	101	147	181	190	168	127	82.5	46.8	22.0	10.3	6.40	3.90	1222	1023		
	32	5.05	7.33	12.1	28.2	64.3	125	213	315	385	390	327	224	133	69.5	27.3	11.4	6.53	3.92	2349	2208		
	24	5.26	7.39	13.9	34.7	89.0	187	344	513	612	622	547	402	233	114	45.7	15.0	7.06	4.08	3796	3690		
		5.18	7.61	14.9	39.0	112	250	484	690	783	799	752	606	354	164	69.4	19.7	7.86	4.47	5161	5060		
		5.46	8.10	20.1	64.1	165	386	658	768	776	763	727	600	353	149	54.2	16.9	7.42	4.38	5526	5432		
		5.60	8.83	15.7	39.7	120	290	554	698	720	712	719	670	481	215	85.5	24.5	9.91	5.29	5373	5276		
		5.48	8.04	17.0	49.8	134	313	566	694	724	725	709	599	355	152	57.6	17.6	7.48	4.30	5138	5041		
	-24	5.16	7.29	14.7	41.8	110	241	441	606	686	702	651	488	240	104	40.6	13.8	6.29	3.78	4403	4301		
-32	4.82	7.07	9.36	15.7	49.6	84.4	193	404	542	565	487	333	177	90.6	40.9	14.6	7.08	4.03	3030	2887			
-40	4.94	7.22	10.4	20.2	45.2	76.3	95.3	131	182	169	93.9	41.6	31.0	21.0	8.42	7.41	5.54	3.36	955	737			
-48	4.22	7.02	8.43	9.88	13.2	19.6	30.1	38.4	45.4	50.7	49.6	45.4	32.5	23.8	15.7	8.50	5.89	3.46	412	144			
-56	4.05	6.83	8.56	9.00	10.1	13.6	14.6	13.7	13.9	13.0	10.8	11.4	12.3	11.2	9.22	7.24	5.10	2.77	178	0.00			
-64	3.41	6.16	8.41	9.48	9.59	9.01	6.11	5.33	5.33	7.22	5.42	5.20	5.77	5.98	6.27	6.24	4.25	2.23	112	0.00			
-72	2.33	4.88	7.26	9.04	8.46	6.12	4.52	3.69	3.46	5.37	3.77	4.22	5.49	6.87	7.09	5.20	3.36	1.83	93.0	0.00			
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t		81.1	128	206	433	1027	2145	3805	5145	5797	5854	5372	4257	2576	1231	530	208	110	62.3	0			
Φ a		0.00	0.00	0.00	127	790	1944	3639	4985	5663	5708	5216	4094	2416	1041	279	0.00	0.00	0.00		0		

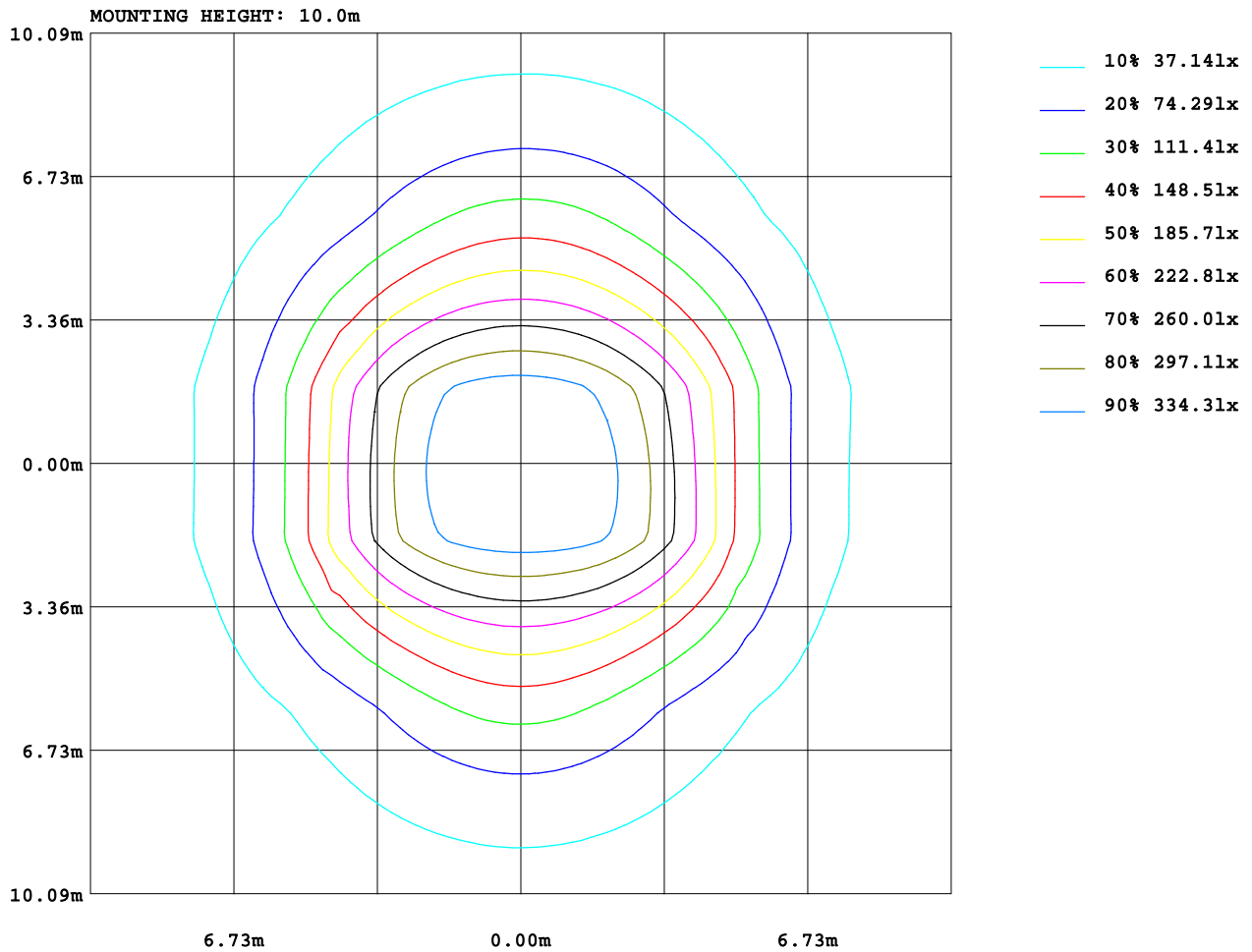
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



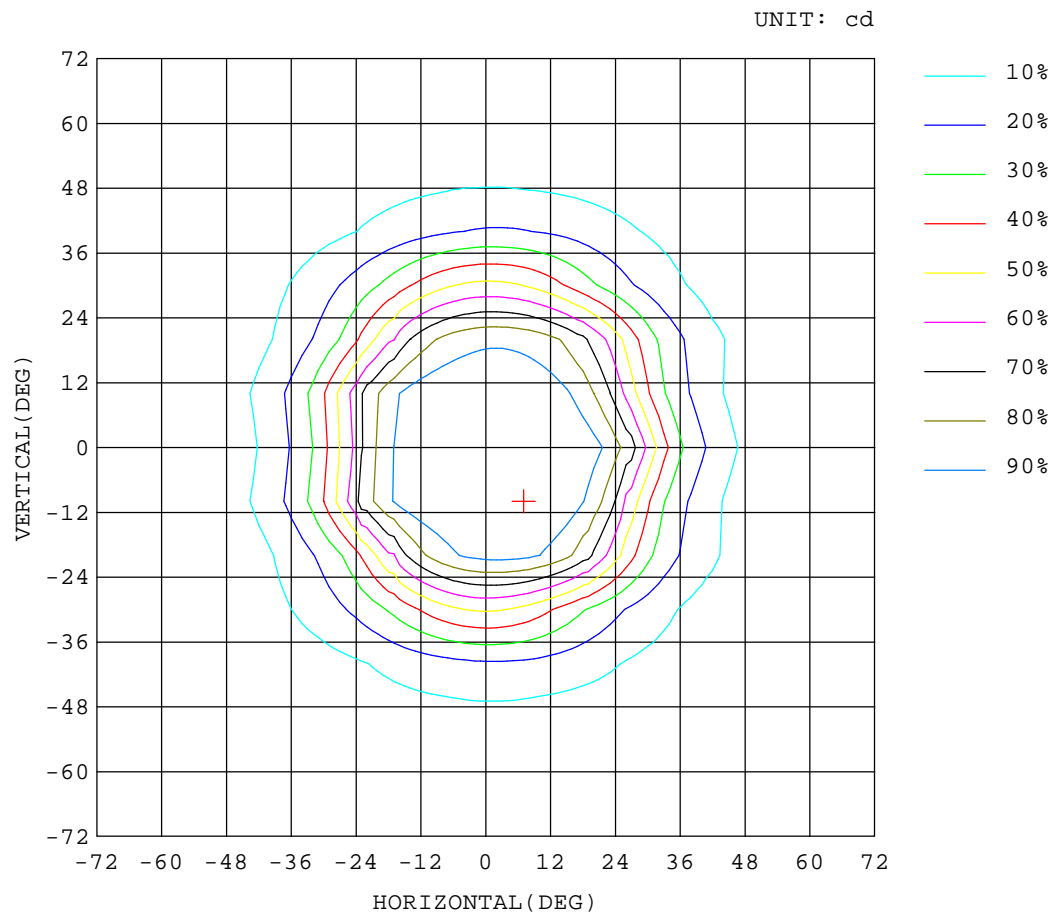
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	3679	3689	3693	3702	3708	3695	3682	3676	0- 5	879.6	879.6
10.0	3713	3729	3726	3714	3714	3688	3705	3682	5- 10	2650	3529
15.0	3662	3705	3612	3615	3568	3547	3503	3585	10- 15	4336	7866
20.0	3421	3407	3497	3201	3164	3109	3302	3241	15- 20	5681	13546
25.0	2846	2895	2705	2516	2398	2479	2630	2782	20- 25	6271	19817
30.0	1976	2049	1912	1733	1551	1765	1959	2053	25- 30	5674	25491
35.0	1187	1246	1308	1059	928.9	1118	1371	1326	30- 35	4361	29852
40.0	728.9	703.2	703.2	630.1	571.7	675.8	782.7	790.4	35- 40	3081	32933
45.0	413.6	431.6	468.2	389.2	283.8	420.0	531.3	493.0	40- 45	2050	34983
50.0	197.2	232.5	233.1	214.6	167.8	242.5	279.9	281.5	45- 50	1298	36281
55.0	121.6	155.8	166.0	141.7	113.9	161.9	199.3	175.6	50- 55	798.4	37079
60.0	84.98	96.20	98.86	89.81	88.05	99.06	118.6	105.0	55- 60	537.7	37617
65.0	73.34	72.79	81.67	77.54	84.20	80.04	98.71	77.04	60- 65	393.3	38010
70.0	58.65	58.17	64.48	69.12	72.45	71.10	78.76	61.41	65- 70	349.5	38360
75.0	43.43	44.70	44.54	58.13	56.86	61.98	54.99	49.51	70- 75	304.1	38664
80.0	28.38	27.65	24.59	39.93	37.50	44.73	31.22	32.29	75- 80	229.1	38893
85.0	12.78	12.94	14.71	21.25	6.846	24.78	17.51	16.11	80- 85	141.4	39035
90.0	0.783	1.521	4.839	3.274	1.278	2.315	3.803	1.918	85- 90	54.94	39090
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm	

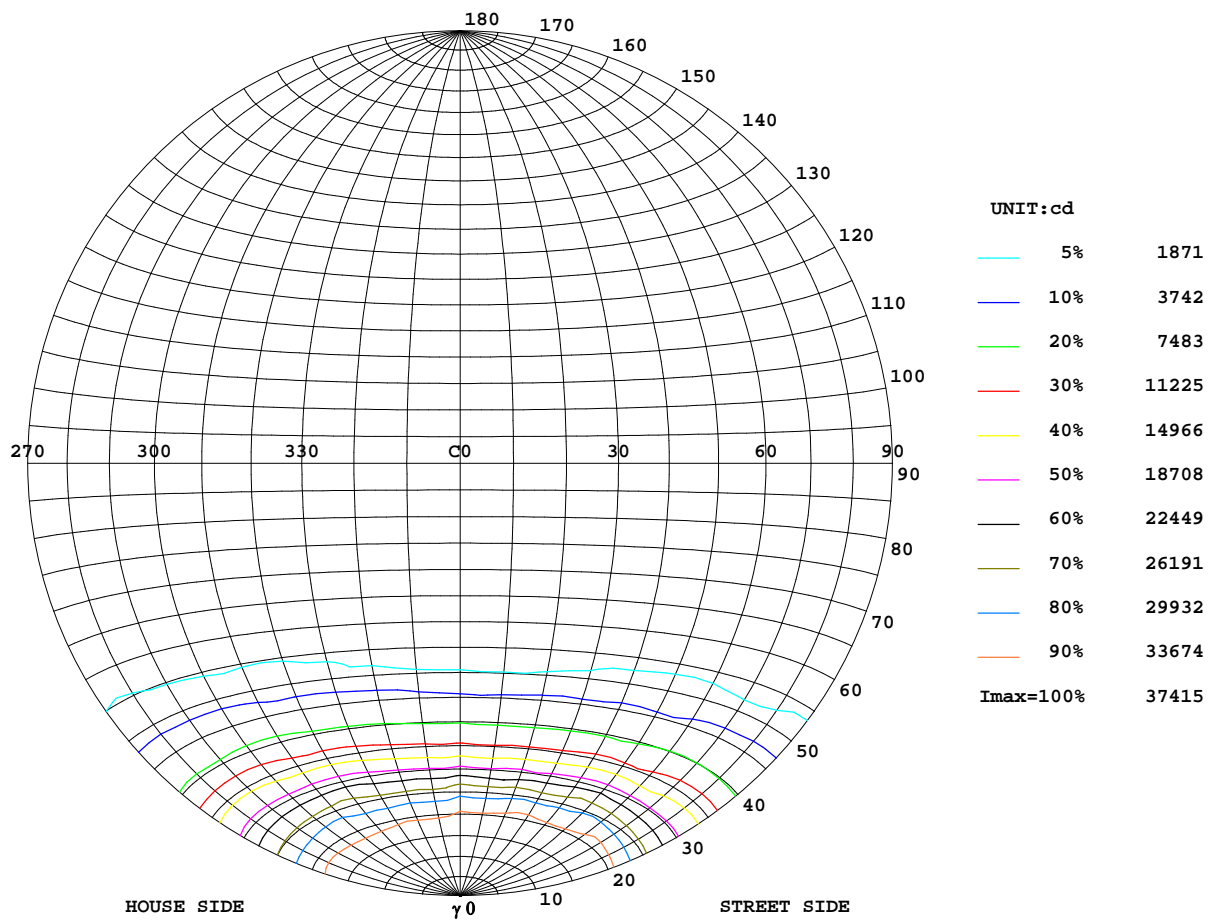
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

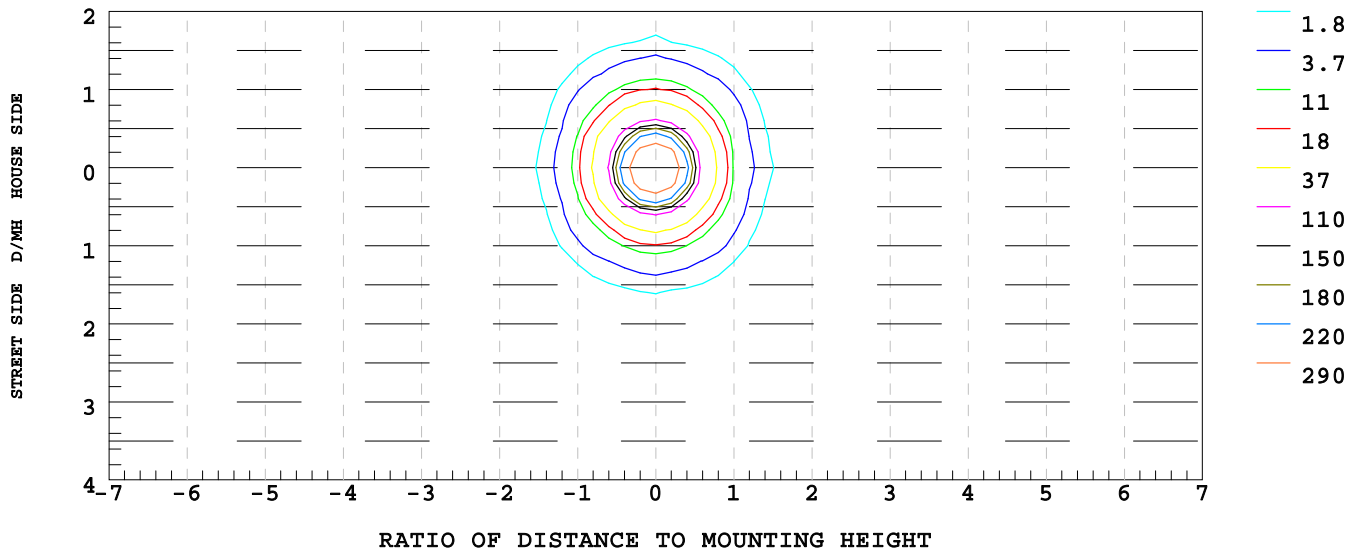
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 365.95 lx



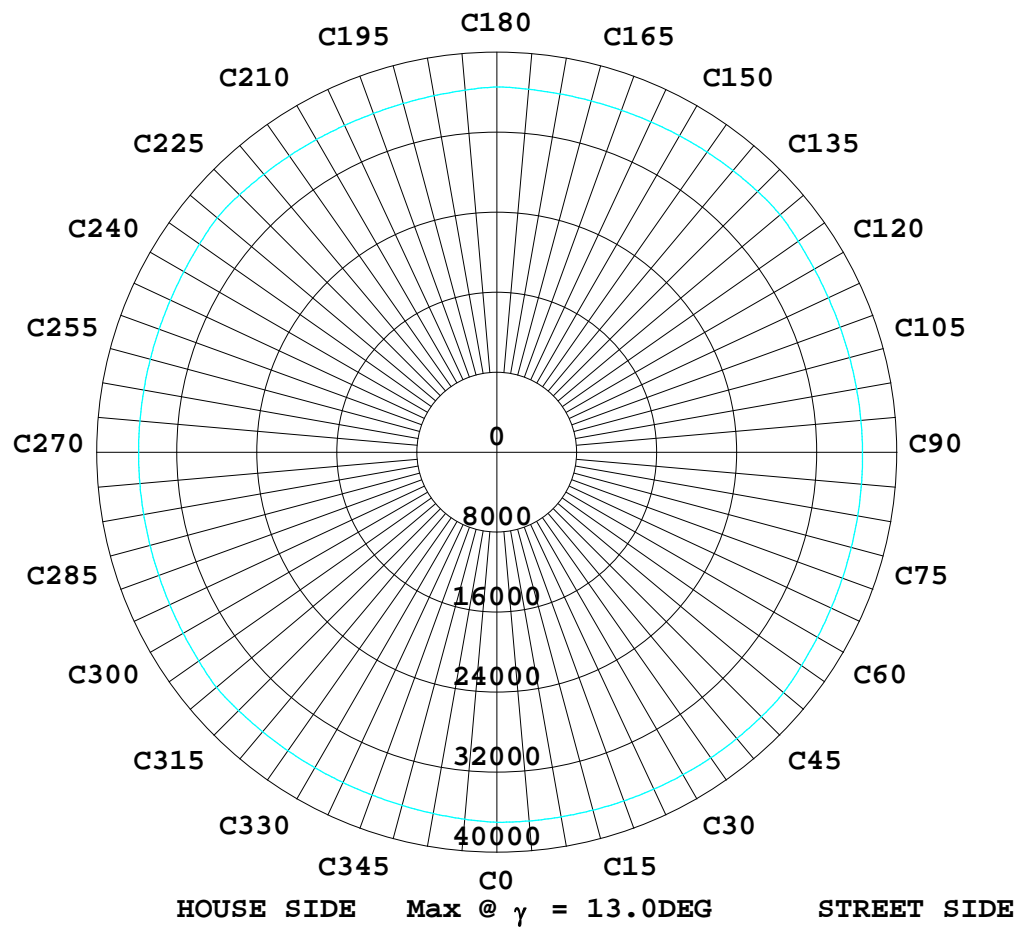
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-T-115A	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2017年07月25日

Test Set: 5.0deg/s B-Beta (TYPE B)
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